

PERMANENTE CREEK TRAIL PROJECT, HIGHWAY 101 TO OLD MIDDLEFIELD WAY

CONSTRUCTION UPDATE NO. 1

Updated: February 3, 2011

Note: This construction update webpage will be updated the first week of every month for the duration of construction of the Permanente Creek Trail Project. The webpage may be updated more frequently should the need arise to inform the public about a specific event, issue, and/or construction activity.

Construction – General Information

Construction of the project began in December 2010 and is expected to continue through spring 2012. The bridge will be constructed before the tunnel.

Pile driving will be necessary to construct the foundation of the bridge. Pile driving may cause considerable noise and vibrations. Specific information about pile driving including the hours and locations it will occur will be distributed to directly impacted residents and businesses. During the bridge construction, the trail from Highway 101 to Charleston Road will be closed, and freeway and lane closures on Highway 101 will occur at night between the hours of 12am and 5am. Work in the freeway median and construction of the bridge above the freeway may cause temporary traffic delays through the construction site.

During the tunnel construction, it will be necessary to close Telford Avenue from Old Middlefield Way to Spring Street for 45 days during the 2011 Crittenden School summer recess. In addition, lane closures and traffic control along Old Middlefield Way between Highway 101 and Sierra Vista will be necessary.

Construction vehicles and equipment will enter and exit the work zone during construction and this movement will have some impact on traffic on Charleston Road and Old Middlefield Way.

Residents and businesses directly impacted by construction will be notified of specific events and construction impacts during construction.

The overall construction schedule is as follows:

(Current as of January 31, 2011)

Begin Project Construction	December 2010
Pile Driving	December 2010 to February 2011
Bridge Construction	December 2010 to December 2011
Tunnel Construction	Summer 2011 to Spring 2012
45-day Telford Avenue Closure	Summer 2011
Complete Project Construction	Spring 2012

Monthly Construction Update

The following construction update covers the period from the beginning of the project in December 2010 through January 31, 2011.

Major Work Completed To Date

(Check back here starting the first week of March 2011 for running list of major work items completed to date)

Work Completed - December 2010 through January 2011

Construction began in December 2010 and the project groundbreaking ceremony was held on December 16, 2010. The following work was completed from the beginning of the project through January 31, 2011:

- Site preparation and mobilization.
- Establishment of storm water pollution prevention measures.
- Grading of the trail from Highway 101 to Charleston Avenue. (see Photo 1 below)
- Shifting and placement of concrete barriers in Highway 101 median and associated placement of temporary pavement delineation and reconfiguration of the travel lanes on Highway 101. (Photo 2)
- Setting up equipment in the Highway 101 median to construct the median column and bridge falsework. (Photo 2)
- Bridge footing excavations, rebar installation, concrete pours, and installation of precast concrete piles (pile driving) from Highway 101 to Old Middlefield Way. (Photos 3, 4, and 5)
- Pile driving from Highway 101 to Charleston Road. (Photo 6)



Photo 1 - Grading of trail area south of Highway 101



Photo 2 - Work area and equipment in Highway 101 median. Note traffic lanes shifted around the work area.



Photo 3 - Bridge footing excavation



Photo 4 – Rebar in footing excavation



Photo 5 – Pile driving between Highway 101 and Old Middlefield Way



Photo 6 – Pile driving from Highway 101 to Charleston Road

Work Planned and Impacts to the Public – February 2011

Planned Work:

- Complete the installation of concrete piles.
- Excavate, install rebar, form, and pour concrete at bridge columns and at all bridge footings.
- Excavate and remove material from, and mobilize equipment in, the Highway 101 median.

Impacts to the Public:

- Traffic delays are expected while motorists become familiar with the new lane alignment. This lane alignment will be in place for several months while the bridge is being constructed.
- Traffic delays should be expected during lane closures from 12am and 5am and during peak daytime traffic hours from construction in Highway 101.
- Work in the Highway 101 median will require some night work with various lane closures occurring between the hours of 12am and 5am.
- Motorists are encouraged to consider alternate routes including Amphitheatre Parkway, Old Middlefield Way, Rengstorff Avenue, Shoreline Boulevard, and Charleston Road to avoid traffic delays during construction.

For more information regarding the Permanente Creek Trail extension project, please contact the City's project manager:

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